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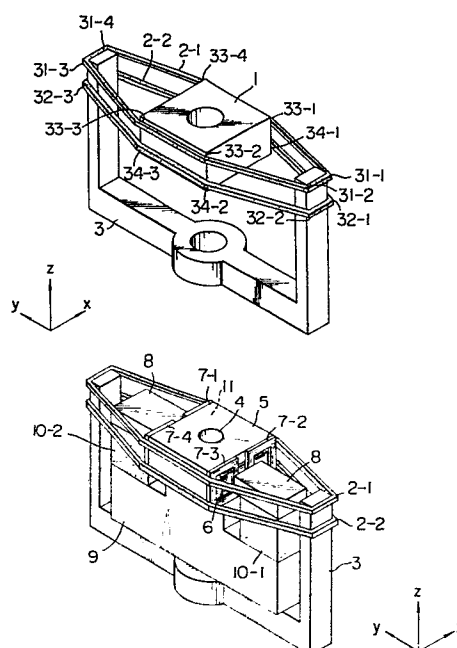
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54 Pickup actuator.

57 A pickup actuator including a supporting device for supporting a driven member in all the coordinate axis directions of three coordinate axes perpendicular to one another having a support member (2) formed of viscoelastic material for supporting the driven member (1) on a frame (3). The support member (2) is tensioned and connected between the driven member (1) and the frame (3) and has one end (33, 34) affixed to the driven member (1) disposed in a plane perpendicular to an arbitrarily selected one coordinate axis (z-axis) of the three coordinate axis directions and the other end (31, 32) affixed to the frame (3) disposed in a plane perpendicular to the one coordinate axis. The pickup actuator also includes a device for generating lines of magnetic force of two directions perpendicular to each other, a first coil and a second coil (6, and 7), secured to the driven member and having a first path of current and a second path of current respectively disposed in one of the magnetic lines of force perpendicular to each other and perpendicular to each other in a plane perpendicular to the magnetic line of force, a third coil secured to the driven member and having a third path of current disposed in the other line of magnetic force and parallel to one of the first path of current and the second path of current in a plane perpendicular to the other line of magnetic force.





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# EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
Y	Patent Abstracts of Japan Vol. 1, No. 8, 16 March 1977 page 329E76 & JP - A - 51 - 114102 ---	1	G 11 B 7/12 G 11 B 7/08 H 04 R 11/12
Y	Patent Abstracts of Japan Vol. 4, No. 78, 6 June 1980 page 47P14 & JP - A - 55 - 42369 ---	1	
P,A	GB - A - 2 064 848 (NIPPON TELEGRAPH & TELEPHONE PUBLIC CORP.) * claims 1, 7; column 2, lines 97 to 122; fig. 7, 11 * ---	1,3	TECHNICAL FIELDS SEARCHED (Int. Cl. 3)  G 11 B 7/00 H 04 R 11/12
A	DE - B2 - 2 531 069 (THOMSON-BRANDT) * claim 1; column 3, lines 21 to 47 * & GB - A - 1 508 811 ---	3	
A	Patent Abstracts of Japan Vol. 3, No. 132, 6 November 1979 page 11E149 & JP - A - 54 - 109801 -----	6	
D			CATEGORY OF CITED DOCUMENTS  X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons
The present search report has been drawn up for all claims			&: member of the same patent family, corresponding document
Place of search	Date of completion of the search	Examiner	
Berlin	28-09-1982	LEITHÄUSER	